



Wisconsin Aviation Bulletin

Published by the Wisconsin Department of Transportation, Bureau of Aeronautics
David M. Greene, Director

Summer, 2004
No. 77

ACE Program

This summer will mark the 15th anniversary of the ACE (Aviation Careers & Education) program in Wisconsin. The nine-week summer ACE program provides a valuable aviation-related employment opportunity for Milwaukee public high school students. General Mitchell International Airport, Midwest Airlines, Continental Airlines and Signature Flight Support are among some of the employers participating in this year's program. In all, 11 employers are providing more than 30 jobs to students in the Milwaukee area.



New this year to the summer ACE program is Jack Lake. Jack, a Marketing Education teacher, was named the new Milwaukee ACE program coordinator in May, 2004. He has been teaching in the Milwaukee Public Schools for more than 30 years. Among other things he has placed 1,000 students in Internship Training Experiences, designed and taught the SAVES program for at-risk youth at Pulaski High School in Milwaukee. As the program coordinator, Jack will directly supervise the interns and work with employers.

Wisconsin First Lady Jessica Doyle was the keynote speaker at this year's summer ACE kick-off event held June 21, 2004. "Along with supporting our top-notch public education system, partnerships like ACE provide students with real-world experience that can prepare them for any future career path they choose to follow," said First Lady Doyle.

For additional information regarding the ACE program, contact Karen Valley at (608) 266-8166.

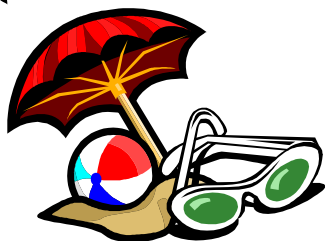
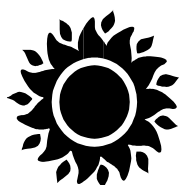
New uses for GA entitlements

Congress has added some flexibility to the rules governing the use of federal general aviation entitlements.

The entitlement program, begun in 2001, designates up to \$150,000 per year to individual airports. So far, 73 airports in FAA's system plan have benefited from the program. Airports have used their entitlements to reconstruct pavements, develop hangar areas and purchase snow removal equipment. The Aviation Reauthorization, passed in December of 2003, expanded the list of eligible work items and provided more options for their use.

Terminal Buildings. Terminal area work, including construction of public-use areas of terminal buildings and related entrance roads and parking lots, is now eligible.

Fueling Facilities. Construction of revenue-producing facilities, including fuel farms, is eligible. The airport owner must show that airfield needs have been addressed first.



Hangars. As a revenue producing facility, construction of hangars is also eligible. **Reimbursement.** Entitlements can be used to pay the airport owner for work completed before the grant was issued if the project was constructed following all federal laws (using federal wage rates, for example). This allows the airport owner to get work completed before the federal money is available.

Time Extension. Airport owners are now allowed four years to use the funds. As an example, 2003 funds can now be held and spent as late as September of 2006. Airport owners should contact the Bureau for further details before going ahead with any of these projects. Contact your project manager or Mary Strait at (608) 266-7187 (mary.strait@dot.state.wi.us).

General Mitchell International Airport Rail Station

Bids were opened in May for the construction of a rail station building and associated parking lot on the west side of the General Mitchell International Airport in Milwaukee. The station is adjacent to the north/south tracks that run from the Chicago area to the Milwaukee downtown train station.

The station is intended to be part of a multi-modal transportation system, drawing travelers from the southeast corner of Wisconsin and the northern suburbs of the Chicago area. Conceptually, a traveler will be able to purchase a single ticket to a destination that will involve boarding a train as the first leg of the trip. Baggage and passengers will be transported to the terminal building by shuttle busses as the trains arrive and depart.

Governor Jim Doyle, U.S. Senator Herb Kohl, Wisconsin Department of Transportation Secretary Frank Busalacchi, and other federal, state and local officials were at the ground breaking ceremony held on June 28, 2004. Construction is expected to be completed by the end of the this year. The station is patterned after a similar multi-modal train/airport facility in the Baltimore area.

Airport construction update

Langlade County Airport in Antigo will see some construction work this summer. The existing Runway 16/34 will be reconstructed along with the construction of a new partial parallel taxiway for the runway.

New Holstein Municipal Airport will be constructing some hangar taxiways, replacing the REILs on Runway 14/32 and relocating the rotating beacon.

Wisconsin Rapids/Alexander Field will be reconstructing hangar area taxiways, east GA apron and installing some storm sewer.

Sheboygan County Memorial Airport will be constructing several hangar taxiways for general aviation hangars. An access road for the area will also be included. The entrance sign and some fence will need to be relocated to accommodate the new development.



Sheboygan County Memorial Airport



The Wisconsin Aviation Bulletin is published quarterly by the Department of Transportation.

Secretary, Department of Transportation
Frank J. Busalacchi

Administrator, Division of Transportation
Infrastructure Development
Kevin Chesnik

Director, Bureau of Aeronautics
David M. Greene

Editor/Publisher, Bureau of Aeronautics
Tami Weaver

Address any questions or comments to:
P.O. Box 7914

Madison, WI 53707-7914

Telephone: (608) 267-7110

FAX: (608) 267-6748

E-mail: tamera.weaver@dot.state.wi.us

WisDOT Web Site: www.dot.wisconsin.gov/

AviationSentry Update

Wisconsin weather is always changing and this spring the AviationSentry pilot weather briefing systems changed also. Meteorlogix released version 4.0, which includes many enhancements. Among the changes are several new tabs along the left column where you find many of the new features.

A major enhancement can be found in the Route Brief section where flight planning has been added. If you enter true airspeed and fuel burn it will generate distance, direction and estimated flight times for your trip.

Airport Brief is similar to the Text Requestor except that now you can define a radius around an airport for which you want information.

An additional feature you will find useful is the My Favorites tab where you can "bookmark" your favorite charts for quick access.

If you are interested in knowing when it will stop raining, take a close look at Precipitation Timing. After defining a location and clicking on the Precipitation Timing button, a window will appear with an estimate of when the rain will end.

For more detailed information, visit our Web site where a quick reference guide is available along with the full users manual. <http://www.dot.wisconsin.gov/travel/air/weather-access.htm>.

2003 Federal Airport Improvement Program Funds

Forty-five Wisconsin airports, including 36 general aviation airports, received more than \$49 million in federal AIP funds during federal fiscal year 2003. The following table provides a list of the many projects being conducted at these airports.

Airport	AIP Funds	Project
Adams County Legion Field	\$24,666	Update airport layout plan
Alexander Field-South Wood County	\$554,133	Install deer fence, relocate road, and land reimbursement
Austin Straubel International	\$4,875,127	Security enhancements, Runway reconstruction
Baraboo-Wisconsin Dells	\$150,000	Crack and slurry sealing
Boscobel	\$300,000	Land acquisition and taxiway design
Burlington Municipal	\$457,000	Construct taxiways
Central Wisconsin	\$9,426,809	Reconstruct Runway and associated taxiways
Chippewa Valley Regional	\$1,450,000	Construct access/ perimeter roads, runway grooving, ARFF equipment
Clintonville Municipal	\$150,000	Purchase snow removal equipment
Cumberland Municipal	\$134,500	Extend taxiway, expand apron, install VASI, and repair runway
Dane County Regional	\$3,607,544	Terminal building expansion
Dodge County	\$468,000	Design hangar area , fencing and taxilane construction
Eagle River Union	\$150,000	Construct helipad and purchase snow removal equipment
Fond du Lac County	\$164,336	Purchase snow removal equipment
General Mitchell International	\$8,365,750	Noise mitigation, security upgrades, runway lighting, runways rehabed
Iowa County	\$135,000	Purchase/remove 2 hangars and snow removal equipment
John F. Kennedy Memorial	\$400,444	Develop new hangar area and install PAPI
Kenosha Regional	\$102,518	Land reimbursement for runway approach
King's Land O'Lakes	\$462,000	Develop new hangar area and construct taxiways and access road
LaCrosse Municipal	\$3,358,438	Reconstruct taxiway and apron and electrical improvements
Lakeland/Noble F. Lee	\$123,000	Land acquisition and purchase snow removal equipment
Langlade County	\$498,132	Reconstruct/extend Runway, including lighting
Madeline Island	\$63,000	Environmental assessment for runway extension
Manitowoc County	\$722,000	Reconstruct Runway
Marshfield Municipal-Roy Shwery Field	\$279,000	Install security fencing and purchase snow removal equipment
Menomonie Municipal	\$720,600	Construct Runway extension
Merrill Municipal	\$590,000	Pave Runway extension and relocate connecting taxiway
Middleton Municipal-Morey Field	\$1,131,666	Construct runway, taxiways and apron
Monroe Municipal	\$293,334	Extend runway and install terminal area fencing
New Holstein Municipal	\$36,000	Design hangar area development
Outagamie County Regional	\$2,160,000	Construct general aviation hangar area and expand apron
Prairie du Chien	\$376,986	Reconstruct hangar taxiways and apron
Rhineland-Oneida County	\$1,620,000	Construct wildlife/security fence and master plan update
Rice Lake Regional-Carl's Field	\$323,083	Upgrade approach lights
Richard I. Bong	\$1,189,720	Reconstruct and expand terminal area aprons
Rusk County	\$300,000	Install fence and purchase snow removal equipment
Sheboygan County Memorial	\$506,000	Land reimbursement, relocate utilities, and drainage improvements
Tomahawk Regional	\$75,410	Install AWOS
Washington Island	\$242,000	Purchase snow removal equipment and associated building
Watertown Municipal	\$150,000	Runway Repair
Waukesha County-Crites Field	\$300,000	Environmental assessment for runway safety area
Waupaca Municipal	\$2,379,000	Construct Runway
Wausau Downtown	\$120,000	Design for sealcoat, runway extension and lighting
West Bend Municipal	\$450,000	Replace lighting, vault repair and environmental for runway extension
Wittman Regional	\$168,000	Update master plan
TOTAL:	\$49,553,196	

Wisconsin airport wins 2003/04 snow removal award

The Rhinelander - Oneida County Airport which provides airline passenger service for northern Wisconsin was the winner of this year's Balchen/Post Award



Rhinelander-Oneida County Airport

safe for the flying public through the winter months.

for Excellence in airport snow removal and ice control.

Airport manager Joe Brauer received the award in May at this year's International Aviation Snow Symposium in Buffalo, New York. The award is presented annually to a northern tier airport that has demonstrated excellence in keeping their airport open and

Land use planning symposium planned

Mark your calendar for the Bureau's fourth annual *Land Use Planning Around Airports Symposium* scheduled for October 27 at the Hotel Mead in Wisconsin Rapids. The symposium is an excellent opportunity for airport owners and local planners to become informed about compatible land uses, implementing land use plans and regulatory land use tools. The new Wisconsin Airport Land Use Guidebook will be ready and available at the symposium. Here are some comments about past symposiums: "The Land Use Planning Symposium is one of the best opportunities to network with other airport managers as well as bureau staff." "BOA puts on a great program and this is recognized by airports, commissioners and local jurisdictions." This one-day event will be held in conjunction with the Airport Operations & Management Seminar on October 28. More information to follow.

Calendar of Events

July 27-August 2, Oshkosh
EAA AirVenture Oshkosh 2004

October 26, Wisconsin Rapids
Land Use Planning Around Airports Symposium

October 27, Wisconsin Rapids
Airport Operations & Management Seminar

November 13-14, Oshkosh
Flight Instructor Refresher Course

Statewide equipment bid

The first statewide multi airport bid for snow removal equipment was bid on July 1. There were several airports that participated in the bid; JFK (Ashland), Baraboo- Wis Dells, Manitowoc, Crandon, Door Co-Cherryland (Sturgeon Bay) and Madeline Island. The equipment consists of a bi-directional four-wheel drive industrial/ag tractor with attachments such as a rotary plow, runway sweeper, reversible straight plow and material loader.

The airports are using their general aviation entitlement funds to purchase the equipment. The equipment should be delivered by the end of the year. The equipment will allow for more efficient snow removal from airport pavements during winter months.



Wisconsin Bureau of Aeronautics
P.O. Box 7914
Madison, WI 53707-7914